

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011366

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D207/337 C07D231/12 C07D241/12 C07D307/46 C07D213/55
C07D213/56 C07D401/04 A61K31/341 A61K31/402 A61K31/415
A61K31/4418 A61K31/4439 A61K31/4965 A61P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 492 411 B1 (TALLEY JOHN J ET AL) 10 December 2002 (2002-12-10) claims and examples 40,47,48,77	1-14
X	EP 0 647 629 A (SANOFI) 12 April 1995 (1995-04-12) claims and examples (e.g. tables 1 and 2)	1-14
X	US 5 723 483 A (LABEEUW ET AL) 3 March 1998 (1998-03-03) claims and examples (e.g. table 6)	1-14
X	WO 01/19814 A2 (MERCK FROSST CANADA & CO; LACOMBE, PATRICK; LABELLE, MARC; RUEL, REJEA) 22 March 2001 (2001-03-22) cited in the application the whole document	1-14

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

28/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
Fax (+31-70) 340-3016

Authorized officer

Gregoire, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 270 559 A (J. URIACH & CIA. S.A) 2 January 2003 (2003-01-02) the whole document	1-14
X	EP 0 752 421 A (ZENECA LIMITED) 8 January 1997 (1997-01-08) cited in the application the whole document	1-14
X	M ABDUR RAHIM, P N PRAVEEN RAO AND EDWARD E KNAUS: "Isomeric acetoxo analogues of Rofecoxib: a novel class of highly potent and selective cyclooxygenase-2 inhibitors" BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, vol. 12, 2002, pages 2753-2756, XP002315466 compound 15A	1-3,6-14
X	DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; PATHAN, M. D. ET AL: "2-Aryl-3-(2'-p-chlorophenyl-1',3',4'-oxad iazol-5'-ylphenyl)-4- thiazolidinones" XP002315470 retrieved from STN Database accession no. 2001:514183 compound with RN 361342-29-2 abstract & JOURNAL OF THE INSTITUTION OF CHEMISTS (INDIA) , 72(5), 190-191 CODEN: JOICA7; ISSN: 0020-3254, 2000,	1-3,6,7
X	G S TRIVEDI, N C DESAI: "Synthesis and antimicrobial activity of some 4-thiazolidinones" INDIAN JOURNAL OF CHEMISTRY, vol. 31B, 1992, pages 366-369, XP009043257 compound IVG	1-3,6,7
X	GUNTER KARIG, JAMES A SPENCER AND TIMOTHY GALLAGHER: "Direct deprotonation-transmetalation as a route to substituted pyridines" ORGANIC LETTERS, 2001, pages 835-838, XP002315468 compound 9A	1-3

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SAUL H ROSENBERG AND HENRY RAPOPORT: "Convergent and efficient synthesis of spiro'benzofuran-3(2H),4'-piperidines!" J. ORG. CHEM., 1984, pages 56-62, XP002315467 compounds 12, 17	1-3
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P,X	WO 03/101959 A1 (GLAXO GROUP LIMITED; GIBLIN, GERARD, MARTIN, PAUL; HALL, ADRIAN; HEALY) 11 December 2003 (2003-12-11) cited in the application the whole document	1-14
P,X	WO 2004/083185 A2 (GLAXO GROUP LIMITED; GIBLIN, GERARD, MARTIN, PAUL; HALL, ADRIAN; LEWEL) 30 September 2004 (2004-09-30) the whole document	1-14

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 9-11 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Form PCT/ISA/210 (patent family annex) (January 2004)

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